FORM PTO-1449	SERIAL NO.	CASE NO.
The state of the s	10/606,117	3614/172
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE June 24, 2003	GROUP ART UNIT 3762
(use several sheets if necessary)	APPLICANT(S): A. Chow	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMI			DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
JA		A1	793,004	06/20/1905	May	GODOZAGO	<u> </u>
• 511		A2	1,684,860	09/18/1928	Catlin	 	
. 		A3	2,525,381	10/10/1950	Tower		
.		A4	2,721,316	10/18/1955	Shaw		
-+		A5	2,760,483	08/28/1956	Tassicker	 	
 H		A6	3,320,947	05/23/1967	Knoll	+	
		A7	3,594,823	07/27/1971	Collins	+	
- H		A8	3,628,193	12/21/1971	Collins	 	
. ++		A9	3,699,970	10/24/1972	Brindley et al.		· · · · · · · · · · · · · · · · · · ·
		A10	3,766,311	10/16/1973	Boll		
. +		A11	3,769,961	11/06/1973	Fatt et al.		
 		A12	3,848,608	11/19/1974	Leonard		
.		A13	3,893,444	07.08/1975	Fatt		
		A14	3,914,800	10/28/1975	Collins	 	
.		A15	3,995,635	12/07/1976	Higuchi et al.	<u> </u>	
. H		A16	3,998,659	12/21/1976	Wakefield		
- H		A17	4,001,867	01/04/1977	Kravitz et al.		
.		A18	4,018,218	04/19/1977	Carlson et al.		
•		A19	4,089,329	05/16/1978	Couvillon, Jr. et al.		
		A20	4,211,474	07/08/1980	Le Goff		
 H		A21	4,251,887	02/24/1981	Anis		
. 		A22	4,271,841	06/09/1981	Friedman	 	
		A23	4,272,910	06/16/1981	Danz		
• + + + + + + + + + + + + + + + + + + +		A24	4,326,529	04/27/1982	Doss et al.		1.1
. +		A25	4,484,922	11/27/1984	Rosenwald	 	
. H		A26	4,524,776	06/25/1985	Withers et al.	+	
- 		A27	4,551,149	11/05/1985	Sciarra	 	
		A28	4,600,004	07/15/1986	Lopez et al.	-	
		A29	4,601,545	07/22/1986	Kern	-	
 		A30	4,603,697	08/05/1986	Kamerling	 	,
. +		A31	4,614,193	09/30/1986	Liss et al.	 	
		A32	4,628,933	12/16/1986	Michelson	 	
. 		A33	4,664,117	05/12/1987	Beck	†	<u></u>
		A34	4,667,676	05/26/1987	Guinta		
- 		A35	4,679,572	07/14/1987	Baker, Jr.	+	
		A36	4,750,498	06/14/1988	Graham	 	
 [7	A37	4,810,050	03/07/1989	Hooper		
- 11	/	A38	4,832,202	05/23/1989	Newman et al.	+	

Page 2 of 9

FORM PTO-1449	SERIAL NO.	CASE NO.
	10/606,117	3614/172
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE June 24, 2003	GROUP ART UNIT 3762
(use several sheets if necessary)	APPLICANT(S): A. Chow	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

	VINER	DESIG	DOCUMENT	J.S. PATENT DO	·	CLASS/	FILING
	TIAL		NUMBER	DATE	NAME	SUBCLASS	DATE
	RO	A39	4,873,448	10/10/1989	Shirai		
. 3	<u> 10 </u>	A40	4,874,237	10/17/1989	Cringle	+	
•	+	A41	4,955,378	09/11/1990	Grasso		
	 	A41	4,978,842	12/18/1990	Hinton et al.		
	┼├──	A43	4,979,508	12/25/1990	Beck		
• .	╂	A43	4,989,605	02/05/1991	Rossen	- 	
	₩	A45	5,016,633	05/21/1991	Chow		
	 	A45	5,024,223	06/18/1991	Chow	+	<u>.</u>
•	┼┼	A47	5,025,811	06/25/1991	Dobrogowski et al.		
-	+	A48		03/31/1992	Wu		
	₩				de Juan Jr. et al.		
	₩	A49	5,109,844	05/05/1992 05/05/1992	Thomas		
	Н	A50	5,109,846	07/14/1992	Phillips, Jr.		
	₩	A51	5,130,528		Popovic et al.		
*	Н	A52	5,130,776	07/14/1992	Fedorov et al.	-	· · · · · · · · · · · · · · · · · · ·
<u>.</u>	 	A53	5,147,284	09/15/1992			
	₩	A54	5,154,174	10/13/1992	Hawlina		
•	44	A55	5,159,927	11/03/1992	Schmid		
•	 	A56	5,174,304	12/29/1992	Latina et al.	 	
		A57	5,223,728	06/29/1993	Gempe	 	
		A58	5,256,882	10/26/1993	Miyasaka	- 	· · · · · · · · · · · · · · · · · · ·
	 	A59	5,338,991	08/16/1994	Lu	 	
		A60	5,351,309	09/27/1994	Lee et al.		
• .	44	A61	5,360,438	11/01/1994	Fisher		
		A62	5,397,350	03/14/1995	Chow et al.		
		A63	5,411,540	05/02/1995	Edell et al.		
	11	A64	5,476,494	12/19/1995	Edell et al.		
	11	A65	5,491,349	02/13/1996	Komoto et al.		
•	Ш	A66	5,496,355	03/05/1996	Lipsky		
•	11	A67	5,522,864	06/04/1996	Wallace et al.		·
		A68	5,556,423	09/17/1996			
*	Ш	A69	5,578,040	11/26/1996	Smith		
	11	A70	5,648,655	07/15/1997	Rostoker		
*	11	A71	5,674,263	10/07/1997	Yamamoto et al.		
	11	A72	5,717,201	02/10/1998	Lin et al.		
*	11	A73	5,782,894	07/21/1998	Israel		
	11	A74	5,837,995	11/17/1998	Chow et al.		
*		A75	5,843,147	12/01/1998	Testerman et al.		·
		A76	5,865,839	02/02/1999	Doorish		
1	VV	A77	5,895,414	04/20/1999	Sanchez-Zambrano		
	V	A78	5,895,415	04/20/1999	Chow et al.		

EXAMINER FLANCES P. OLDJEGE DATE CONSIDERED 1/3/07

Page 3 of 9

FORM PTO-1449	SERIAL NO.	CASE NO.
	10/606,117	3614/172
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE June 24, 2003	GROUP ART UNIT 3762
(use several sheets if necessary)	APPLICANT(S): A. Chow	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMIN INITIAI	4	DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
390	A79	5,935,155	08/10/1999	Humayun et al.		
i I	A80	5,944,747	08/31/1999	Greenberg et al.		
•	A81	6,006,756	12/28/1999	Shadduck		
•	A82	6,007,477	12/28/1999	Demenezes		
	A83	6,032,062	02/29/2000	Nisch		
•	A84	6,035,236	03/07/2000	Jarding et al.		
	A85	6,066,675	05/23/2000	Wen et al.		
•	A86	6,083,251	07/04/2000	Shindo		
•	A87	6,101,411	08/08/2000	Newsome		
	A88	6,230,057 B1	05/08/2001	Chow et al.		
*	A89	6,264,971 B1	07/24/2001	Darougar et al.		
•	A90	6,275,735 B1	08/14/2001	Jarding et al.		
*	A91	6,282,449 B1	08/28/2001	Kamerling et al.		
	A92	6,298,270 B1	10/02/2001	Nisch et al.		
	A93	6,324,429 B1	11/27/2001	Shire et al.		
	A94	6,347,250 B1	02/12/2002	Nisch et al.		
	A95	6,389,317 B1	05/14/2002	Chow et al.		
	, A96	6,393,327 B1	05/21/2002	Scribner		
	A97	US 2002/014764 A1	10/10/2002	Peyman		
· A	A98	US 2003/0139784 A1	07/24/2003	Morimoto et al.		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
100	A99	DE 195 29 371 C2	02/13/1997	Germany		
11	A100	GB 2 229 543 A	09/26/1990	Great Britain		
	A101	EP 0 084 621 A2	11/23/1982	EPO		
	A102	EP 0 233 789	08/26/1987	EPO		
	A103	EP 0 501 904 A2	09/02/1992	EPO		
*	A104	EP 0 325 201 A2	07/26/1989	Europe		Abstract Only
*	A105	JP A 8-154897	06/18/1996	Japan		Abstract Only
•	A106	JP A 9-266954	10/14/1997	Japan		Abstract Only
•	A107	JP A 2000-24122	01/25/2000	Japan		Abstract Only
*	A108	RU 2 025 114 C1	12/30/1994	Russia		Yes
•	A109	RU 2 054 909 C1	02/27/1996	Russia		Abstract
•	A110	RU 2 062 080 C1	06/20/1996	Russia		Yes (2)
•	A111	RU 2 062 128 C1	06/20/1996	Russia		Abstract
• 11,	A112	RU 2 063 199 C1	07/10/1996	Russia		Yes
· \ \	A113	RU 2 072 815 C1	02/10/1997	Russia		Yes
· V	A114	RU 2 074 681 C1	03/10/1997	Russia		Abstract

EXAMINER Ju	inces P.	Owega	DATE CONSIDERED	1/3	07	

Page 4 of 9

FORM PTO-1449	SERIAL NO.	CASE NO.
	10/606,11	7 3614/172
LIST OF PATENTS AND PUBLICATIONS FOR	FILING DATE	GROUP ART UNIT
APPLICANT'S INFORMATION DISCLOSURE STATEMENT	June 24, 200	3762
(use several sheets if necessary)	APPLICANT(S): A. Chow	

FOREIGN PATENT DOCUMENTS

EXAMINER		DOCUMENT			CLASS/	TRANSLATION
INITIAL		NUMBER	DATE	COUNTRY	SUBCLASS	YES OR NO
· 3XO	A115	RU 2 074 684 C1	03/10/1997	Russia		Abstract
• 11	A116	RU 2 077 291 C1	04/20/1997	Russia		Yes
•	A117	RU 2 086 216 C1	08/10/1997	Russia		Abstract
•	A118	RU 2 089 144 C1	09/10/1997	Russia		Abstract
•	A119	RU 2 090 167 C1	09/20/1997	Russia		Abstract
•	A120	RU 2 093 118 C1	10/20/1997	Russia	·	Yes
•	A121	RU 2 098 009 C1	12/10/1997	Russia		Yes
•	A122	RU 2 098 056 C1	12/10/1997	Russia		Abstract
•	A123	RU 2 102 046 C1	01/20/1998	Russia		Yes
•	A124	RU 2 128 485 C1	04/10/1999	Russia		Abstract
•	A125	RU 2 146 909 C1	12/17/1998	Russia		Abstract
•	A126	RU 2 161 019 C1	12/27/2000	Russia		Yes
*	A127	RU 2 177 766 C2	02/09/2000	Russia		Abstract
•	A128	RU 2 189 800 C2	03/01/2000	Russia		Abstract
*	A129	SU 1044283 A	09/30/1983	Soviet Union		Abstract
•	A130	SU 1139446 A	02/15/1985	Soviet Union		Abstract
•	A131	SU 1386208 A1	04/07/1988	Soviet Union		Abstract
•	A132	SU 1395316 A2	05/15/1988	Soviet Union		Abstract
•	A133	SU 1409264 A1	05/15/1988	Soviet Union		Abstract
•	A134	SU 1757666 A1	08/30/1992	Soviet Union		Abstract
•	A135	SU 1766401 A1	10/07/1992	Soviet Union		Yes
•	A136	SU 1801021 A3	03/071993	Soviet Union		Abstract
*	A137	SU 1826174 A1	11/10/1996	Soviet Union		Abstract
*	A138	SU 1827222 A1	07/15/1993	Soviet Union		Abstract
*	A139	SU 1833730 A1	08/15/1993	Soviet Union		Abstract
*	A140	SU 1837858 A3	08/30/1993	Soviet Union		Abstract
•	A141	SU 554863	04/25/1977	Soviet Union		Claim
*	A142	SU 839529	06/23/1981	Soviet Union		Claim
• /	A143	SU 939020	06/30/1982	Soviet Union		Claim
. 11	A144	0 325 201 A2	07/26/1989	Europe		Yes
· V	A145	WO 81/01511	06/11/1981	PCT		Yes

EXAMINER INITIAL		OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)
Tho	A146	Abrams, Dr. Susan B., "Implanted photodiodes could restore lost vision", <i>Biophotonics Research</i> , 1997, 2 pages.
Sho	A147	Acheson, A., P.A. Barker, R.F. Alderson, F.D. Miller, et al., "Detection of Brain-Derived Neurotrophic Factor-Like Activity in Fibroblasts and Schwann Cells: Inhibition by Antibodies to NGF", Neuron, Vol. 7, 1991, pp 265-75.

EXAMINER GLAUCES P. OLOFENSO DATE CONSIDERED 1/3/07				
James (,) when s	EXAMINER &		13	07
	James I, Darre	<u> </u>		

Page 5 of 9

FORM PTO-1449	SERIAL NO.	CASE NO.
	10/606,117	3614/172
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE June 24, 2003	GROUP ART UNIT 3762
(use several sheets if necessary)	APPLICANT(S): A. Chow	

EXAMINER INITIAL		OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)				
JRO A148		Ando, Haruhisa, et al. "Design Consideration and Performance of a New MOS Imaging Device", IEEE, 1985, 6 pages.				
	A149	Armington, J.C., Brigell, M., "Effects of Stimulus Location and Pattern Upon the Visually Evoked Cortical Potential and the Electroretinogram," <i>Intern. J. Neuroscience</i> , Vol. 14, 1981, pp 169-178.				
	A150	Baylor, D.A., Fuortes, M.G.F., "Electrical Responses of Single Cones in the Retina of the Turtle," <i>J. Physiol</i> , Vol. 207, 1970, pp 77-92.				
	A151	Bergmann-Schaefer, "Lehrbuch der Experimentalphysik" (Textbook of Experimental Physics), vol. II, "Electricity and Magnetism" by Prof. DrIng. H. Gobrecht, 1971, 3 pp. plus translation.				
	A152	Bobsch, M.D., Joseph M. and Grosser, Ph.D., Morton "Newer Repair at the AXOM Level: A Merger of Microsurgery and Microelectronics," VCH Publishers, Inc., 1967.				
	A153	Boettner, E.A., Wolter, J.R., "Transmission of the Ocular Media," <i>Investigative Ophthalmology</i> , Vol. 1, 1962, pp 776-783.				
	A154	Bosco, A., and Linden, R., "BDNF and NT-4 Differentially Modulate Neurite Outgrowth in Developing Retinal Ganglion Cells", <i>J Neurosci Res.</i> Vol. 57, 1999, pp 759-69.				
	A155	Brady, G.S., Clauser, H.R., <i>Materials Handbook, Thirteenth Edition</i> , New York, McGraw-Hill, 1991, pp 739-740.				
	A156	Brindley, G.S., "The Site of Electrical Excitation of the Human Eye," J. Physiol,, Vol. 127, 1955, pp 189-200.				
	A157	Brindley, G.S., "Beats Produced by Simultaneous Stimulation of the Human Eye with Intermittent Light and Intermittent or Alternating Electric Current," <i>J. Physiol.</i> , Vol. 164, 1962, pp 156-167.				
	A158	Brown, M.G. et al., "Monolithically Integrated 1 x 12 Array of Planar InGaAs/InP Photodiodes," Journal of Lightwave Technology, Vol. LT-4, No. 3, March 1986, pp. 283-286.				
·	A159	Caleo, M., Lodovichi, C., and Maffei, L., "Effects of Nerve Growth Factor on Visual Cortical Plasticity Require Afferent Electrical Activity", <i>Eur. J. Neurosci.</i> , Vol. 11, 1999, pp 2979-84.				
	A160	Carmignoto, G., Maffei, L., Candeo, P., Canella, R. and Comelli, C., "Effect of NGF on the Survival of Rat Retinal Ganglion Cells Following Optic Nerve Section", <i>J. Neurosci.</i> , Vol. 9, 1989, pp 1263-72.				
·	A161	Chapin, D.M., et al., "A New Silicon p-n Junction Photocell for Converting Solar Radiation into Electrical Power," Letters to the Editor, Journal of Applied Physics, Vol. 25, 1954, pp 676-7.				
	A162	Chow, A.Y., "Electrical Stimulation of the Rabbit Retina with Subretinal Electrodes and High Density Microphotodiode Array Implants," ARVO Abstracts, <i>Invest. Ophthalmol. Vis. Sci.</i> 199334 (Suppl), page 835.				
	A163	Chow, A.Y., Pardue, M.T., Chow, V.Y., Peyman, G.A., et al.," Implantation of Silicon Chip Microphotodiode Arrays into the Cat Subretinal Space", IEEE Trans. Neu. Syst. Rehabil. Eng., Vol. 9, 2001, pp 86-95.				
1/	A164	Chow, A.Y., and Chow, V.Y., "Subretinal Electrical Stimulation of the Rabbit Retina", Neurosci. Lett. Vol. 225, 1997, pp 13-16.				
V	A165	Chow, A.Y., and Peachey, N., "The Subretinal Microphotodiode Array Retinal Prosthesis II", Ophthal. Res., Vol. 31, 1999, page 246.				

EXAMINER	Frances	P. Ower	DATE CONSIDERED	1/3/07	

Page 6 of 9

FORM PTO-1449	SERIAL NO.	CASE NO.
	10/606,117	3614/172
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE June 24, 2003	GROUP ART UNIT 3762
(use several sheets if necessary)	APPLICANT(S): A. Chow	

EXAMINER INITIAL		OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)
SP	A166	Cui, Q., So, K.F., and Yip, H.K., Major Biological Effects of Neurotrophic Factors on Retinal Ganglion Cells in Mammals, Biol. Sig. Recept., Vol. 7, 1998, pp 220-226.
	A167	Curcio, C.A., Sloan, K.R., Kalina, R.E., Hendrickson, A.E., "Human Photoreceptor Topography," <i>J Comp. Neuro.</i> , Vol. 292, 1990, pp 497-523.
}	A168	Dawson, W.W., Radtke, N.D., "The Electrical Stimulation of the Retina by Indwelling Electrodes," <i>Invest. Ophthalmol. Visual Sci.</i> , Vol. 16, 1997, pp 249-252.
	A169	Dooley, D.M., Sharkey, J., Keller, W., and Kasprak, W., "Treatment of Demyelinating and Degenerative Diseases by Electro Stimulation of the Spinal Cord", <i>Med. Prog. Technol.</i> , Vol. 6, 1978, pp 1-14.
	A170	Dowling, J.E., Ripps, H., Visual Adaptation in the Retina of the Skate," <i>J Gen Physiol.</i> , Vol. 56, 1970, pp. 491-520.
	A171	Eagle, R.C., Lucier, A.C., Bernardino, V.B., et al., "Retinal Pigment Epithelial Abnormalities in Fundus Flavimaculatus," <i>Ophthalmol.</i> , Vol. 87, 1980; pp 1189-1200.
	A172	Evans, R.D., Foltz, D., and Foltz, K., "Electrical Stimulation with Bone and Wound Healing", Clin. Podiatr. Med. Surg., Vol. 18, 2001, pp 79-95.
	A173	Gibiliscos, S., and Sclater, N., Encyclopedia of Electronics, 2d Ed., 1990, pp. 640-645.
	A174	Fenwick, P.B.C., Stone, S.A., Bushman, J., Enderby, D., "Changes in the Pattern Reversal Visual Evoked Potential as a Function of Inspired Nitrous Oxide Concentration," Electroencephalogr. Clin. Neurophysiol., Vol. 57, 1984, pp 57178-183.
	A175	John B. Flynn, et al. "Total Active Area Silicon Photodiode Array", 1964, 3 pages.
	A176	Frasson, M., Picaud, S., Leveillard, T., Simonutti, M., et al., "Glial Cell Line-Derived Neurotrophic Factor Induces Histologic and Functional Protection of Rod Photoreceptors in the rd/rd Mouse", Invest. Ophthalmol. Visual Sci., Vol. 40, 1999, pp 2724-34.
	A177	Graeme, J., "Position-Sensing Photodiode Amplifiers," Ch. 10, 12 pages
	A178	Granit, R., Helme, T., "Changes in Retinal Excitability Due to Polarization and Some Observations on the Relation Between the Processes in Retina and Nerve," <i>J. Neurophysiol.</i> , Vol. 2, 1939, pp 556-565.
	A179	Hagins, W.A., Penn, R.D., Yoshikami, S., "Dark Current and Photocurrent in Retinal Rods," J. Biophys, Vol. 10, 1970, pp 380-412.
	A180	Hergert, K., "Detectors: Expanded Photodetector Choices Pose Challenges for Designers", The Photonics Design and Applications Handbook (1996).
	A181	Humayun, M.S., Propst, R.H., Hickinbotham, D., de Juan E., Jr., Dagnelie G., "Visual Sensations Produced by Electrical Stimulation of the Retinal Surface in Patients with End-Stage Retinitis Pigmentosa (RP)," ARVO Abstracts, <i>Invest. Ophthalmol. Vis. Sci.</i> , Vol. 34 Suppl, 1993, page 835.
,	A182	Humayun, M., Propst R., de Juan, E., et al., "Bipolar Surface Electrical Stimulation of the Vertebrate Retina," <i>Arch. Ophthalmol.</i> , Vol. 112, 1994, pp 110-116.
,		Kane, W.J., "Direct Current Electrical Bone Growth Stimulation for Spinal Fusion", Spine, Vol. 13, 1988, pp 363-365.
V	A183	Kataoka, S., "An Attempt Towards an Artificial Retina: 3-D IC Technology for an Intelligent Image Sensor," <i>Transducers '85: International Conference on Solid-State Sensors and Actuators 1985</i> , pp. 440-442.

EXAMINER	N	DATE CONSIDERED	1/0	1 -
1 200000	D M	DATE COMODERED	- 43	10/
) muces	To Use person		10	101

Page 7 of 9

FORM PTO-1449	SERIAL NO.	CASE NO.
	10/606	117 3614/172
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE June 24, 2	GROUP ART UNIT 3762
(use several sheets if necessary)	APPLICANT(S): A. Chow	

EXAMINER INITIAL		OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)				
JB	A184					
	A185	Knighton, R.W., "An Electrically Evoked Slow Potential of the Frog's Retina. I. Properties of Response," <i>J. Neurophysiol.</i> , Vol. 38, 1975, pp 185-197.				
4	A186	Koyama, S., Haruyama, T., Kobatake, E., and Aizawa, M., "Electrically Induced NGF Production by Astroglial Cells", <i>Nature Biotechnol.</i> , Vol. 15, 1997, pp 164-166.				
	A187	Lagey, C.L., Roelofs, J.M., Janssen, L.W.M., Breedijk, M., et al., "Electrical Stimulation of Bone Growth with Direct Current", Clin. Orthop., No. 204, 1986, pp 303-312.				
	A188	Lambiase, A., and Aloe, L., "Nerve Growth Factor Delays Retinal Degeneration in C3H Mice", Graefe's Arch. Clin. Exp. Ophthalmol., Vol. 234, 1996, pp 96-100.				
	A189	Leake, P.A., Hradek, G.T., and Snyder, R.L., "Chronic Electrical Stimulation by a Cochlear Implant Promotes Survival of Spiral Ganglion Neurons after Neonatal Deafness", J. Comp. Neurol., Vol. 412, 1999, pp 543-562.				
	A190	Leake, P.A., Hradek, G.T., Rebscher, S.J., and Snyder, R.L., "Chronic Intracochlear Electrical Stimulation Induces Selective Survival of Spiral Ganglion Neurons in Neonatally Deafened Cats", Hear. Res., Vol. 54, 1991, pp 251-271.				
	A191	Lin, H-C., et al., "The Vertical Integration of Crystalline NMOS and Amorphous Orientational Edge Detector" IEEE Briefs, 1992, 3 pages.				
	A192	Melen, R.D., et al., "A Transparent Electrode CCD Image Sensor for a Reading Aid for the Blind," IEEE Journal of Solid-State Circuits, Vol. SC-9, No.2, April 1974, pp. 41-48.				
	A193	Narayanan, M.V., Rizzo, J.F., Edell, D., et al., "Development of a Silicon Retinal Implant: Cortical Evoked Potentials Following Focal Stimulation of the Rabbit Retina with Light and Electricity," ARVO Abstracts, <i>Invest. Ophthalmol. Vis. Sci.</i> , Vol. 35 (Suppl), 1994, page 1380.				
	A194	Neely, M.D., and Nicholls, J.G., "Electrical Activity, Growth Cone Motility and the Cytoskeleton", J. Exp. Biol. Vol. 198, 1995, pp 1433-1446.				
	A195	Pagon, R.A., "Retinitis Pigmentosa," Survey Ophthalmol., Vol. 33, 1988, pp 137-177.				
	A196	Paton, D., Goldberg, M.F., Management of Ocular Injuries, Philadelphia, W.B. Saunders Co., 1976, pp 134-135.				
	A197	Peachey, N.S., and Chow, A.Y., "Subretinal Implantation of Semiconductor-Based Photodiodes: Progress and Challenges", <i>J. Rehabil. Res. Develop.</i> , Vol. 36, No. 4, 1999, pp 1-7.				
	A198	The Penguin Dictionary of Electronics, Editor: Illingworth, V., Young, C., Market House Books Ltd., 1988, pp. 410-413.				
	A199	Politis, M.J., Zanakis, M.F., and Albala, B.J., "Facilitated Regeneration in the Rat Peripheral Nervous System Using Applied Electric Fields", <i>J. Trauma.</i> , Vol. 28, 1988, pp 1375-1381.				
	A200	Politis, M.J., Zanakis, M.F., and Albala, B.J., "Mammalian Optic Nerve Regeneration Following the Application of Electric Fields", <i>J. Trauma</i> , 1988, Vol. 28 pp 1548-1552.				
Y	A201	Politis, M.J., and Zanakis, M.F., "Short Term Efficacy of Applied Electric Fields in the Repair of the Damaged Rodent Spinal Cord: Behavioral and Morphological Results", <i>Neurosurgery</i> , Vol. 23, 1988, pp 582-588.				

EXAMINER Juances	P. Ous per	DATE CONSIDERED	1/3/07	

Page 8 of 9

FORM PTO-1449	SERIAL NO.	CASE NO.
	10/606,117	3614/172
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE June 24, 2003	GROUP ART UNIT 3762
(use several sheets if necessary)	APPLICANT(S): A. Chow	

EXAMINER INITIAL	<u> </u>	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)
		Politis, M.J., and Zanakis, M.F., "The Short-Term Effects of Delayed Application of Electric
110	1	Fields in the Damaged Rodent Spinal Cord", Neurosurgery, Vol. 25, 1989, pp 71-75.
	A203	Politis, M.J., and Zanakis, M.F., "Treatment of the Damaged Rat Hippocampus with a Locally
		Applied Electric Field:, Exp. Brain Res., Vol. 71, 1988, pp 223-226.
	A204	Potts, A.M., Inoue J., Buffum D., "The Electrically Evoked Response of the Visual System
		(EER)," Invest. Ophthalmol Vis Sci., 1968; 7:269-278.
	A205	Reh, T.A., McCabe, K., Kelley, M.W., and Bermingham-McDonogh, O., "Growth Factors in the
	ļ	Treatment of Degenerative Retinal Disorders", Ciba Found. Symp., Vol. 196, 1996, pp 120-
		131.
	A206	Robblee, L.S., Electrochemical Guidelines for Selection of Protocols and Electrode Materials
		for Neural Stimulation, Ch. 2, Renner Learning Resource Center (undated), pp 25-66.
11	A207	Rovamo, J., Virsu, V., "An Estimation and Application of the Human Cortical Magnification
·	<u> </u>	Factor," Exp Brain Res., Vol. 37, 1979, pp 495-510.
	A208	Rubin, M.L., Optics for Clinicians, Gainsville, TRIAD Scientific Publishers, 1974, pp 119-123.
11	A209	Shannon, R.V., "A Model of Safe Levels for Electrical Stimulation," IEEE Transactions
	<u> </u>	Biomed. Eng., Vol. 39, 1992, pp 424-426.
	A210	Smith, J., "Creating a Bionic Eye", ABC News, 11/5/98, 3 pages.
	A211	Stone, J.L., Barlow, W.E., Humayun, M.S., de Juan, E., Jr., Milam, A.H., "Morphometric
	1	Analysis of Macular Photoreceptor and Ganglion Cells in Retinas with Retinitis Pigmentosa,"
ļ	1010	Arch. Ophthalmol., Vol. 110, 1992, pp 1634-1639.
	A212	Sze, S.M., "Physics of Semiconductor Devices", 2 nd Ed., A Wiley-Interscience Publication,
 	1000	John Wiley & Sons, (undated). Tasman, E., ed. Duane's Foundations of Clinical Ophthamology, Volume 3, Philadelphia,
	A213	Lippincott, 1992; chapter 13:20-25, chapter 60:1-112.
 - 	A214	Terr, L.I., Linthicum, F.H., House, W.F., "Histopathologic Study of the Cochlear Nuclei After 10
	1 14	Years of Electrical Stimulation of the Human Cochlea," Am. J. Otology., Vol. 9, 1988, pp 1-7.
	A215	Tomita, T., "Electrical Activity of Vertebrate Photoreceptor," Q. Rev. Biophys., Vol. 3, 1970,
i	1 12 13	pp. 179-222.
	A216	Zrenner, E., et al., "The Development of Subretinal Microphotodiodes for Replacement of
	1,2.0	Degenerated Photoreceptors", Ophthalmic Res., 1997, pp. 269-280.
	A217	Chow, A.Y., and Chow, V.Y., Copy of U.S. application serial No. 09/564,841 filed on May 4,
{ {		2002, 29 pages.
	A218	Majji, Ajit, et al.: "Long Term Histological and Electrophysiological Results of an Inactive
		Epiretinal Electrode Array Implantation in Dogs", Investigative Ophthalmology & Visual
		Science, August 1999, Vol. 40, No. 9, pp. 2073-2081
	A219	Margalit, et al.: "Bioadhesives for Intraocular Use", Retina, The Journal of Retinal and Vitreous
LLL		Diseases, 2000, Vol. 20, No. 5, pp. 469-477
	A220	Peyman, Gholam, MD, et al.: "Subretinal Semiconductor Microphotodiode Array", Ophthalmic
		Surgery and Lasers, March 1998, Vol. 29, No. 3, pp. 234-241
<u> </u>	A221	Copy of International Search Report for PCT/US02/20557 dated May 1, 2003.
1 <i>V</i> /	A222	Wen, R. et al., "Injury-Induced Upregulation of bFGF and CNTF mRNAS in the Rat Retina",
V	<u></u>	The Journal of Neuroscience, November 1995, pp. 7377-7385.

EXAMINER Junes	P. Oroperza	DATE CONSIDERED	1/3/07	7	

Page 9 of 9

FORM PTO-1449	SERIAL NO.	CASE NO.
	10/606,117	3614/172
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE June 24, 2003	GROUP ART UNIT 3762
(use several sheets if necessary)	APPLICANT(S): A. Chow	

EXAMINER INITIAL		OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)
390	A223	Copy of International Search Report for corresponding PCT/US02/20808 dated March 21, 2003.
	A224	Miyoshi, Tomomitsu, Morimoto Takeshi, Fujikado, Takashi, Tano, Yasuo and Fukuda, Yutaka, "Inhibition of Neuronal Death of Retinal Ganglion Cell by Nerve Activation Using Electrical Stimulation", Vision Forum, 5 th Annual Meeting, The Kitakyushu Science and Research Park
		Open Commemorative Project Assent: "Symposium of Visual Neuroscience and IT."
·JPO	A225	Morimoto Takeshi, Miyoshi, Tomomitsu, Fujikado, Takashi, Tano, Yasuo and Fukuda, Yutaka, "Electrical stimulation enhances the survival of axotomized retinal ganglion cells <i>in vivo</i> ", NEUROREPORT, Vol. 13, No. 2, 11 February 2002, pp. 227-230 and Erratum.
Jh	A226	Yokoyama, Akiko, Oshitari, Toshiyuki, Negishi, Hisanari, Dezawa, Mari, Mizota, Atushi and Adachi-Usami, Emiko, "Protection of Retinal Ganglion Cells from Ischemia-Reperfusion Injurty to Electrically Applied Hsp27," Investigative Ophthalmology & Visual Science, December 2001, Vol. 42, No. 13, pp. 3283-3286.
Jh	A227	A.Y. Chow, G.A. Peyman, J. Pulido, "Safety and Feasibility of Subretinal Artificial Silicon Retina™ Retinal Prosthesis for the Treatment of Patients with Retinitis Pigmentosa", ARVO (The Association of Research in Vision and Ophthalmology), Abstract Issue of Annual Meeting, Fort Lauderdale, Florida, April 29-May 4, 2001, Abstract 5042-11:11 (1 page and cover page), Published March 5, 2001.
· Mo	A228	Fujikado, Takashi, "Suprachoroidal-Transretinal Stimulation Effectively Elicits Localized Evoked Potential in RCS Rats", The first DOE International Symposium on Artificial Sight, Speaker Abstracts, May 2, 2003, page 17
Slo	A229	Kanda, H., ARVO Presentation abstract entitled "Suprachoroidal-Transretinal Stimulation (STS) Can Elicit Localized Evoked Responses From the Superior Colliculus in Normal and RCS Rats", dated 2003
· Sho	A230	Nakauichi, K., ARVO Presentation abstract entitled "Transretinal Electrical Stimulation by Intrascleral Multichannel Electrode in Rabbit Eyes Reviewing Code: 237 retinal prostheses – RE", dated 2003

EXAMINER	λ.	D 0 "	DATE CONSIDERED	1/01.7	
	Slauces	T. Ocofey		1310 (